

Use Attainability Analysis

for

WBID 1516 West Fork of Roubidoux Creek

Submitted by

Missouri Department of Natural Resources Staff

To

Missouri Department of Natural Resources  
Water Protection Program

## Field Data Sheets for Recreational Use Stream Surveys

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## Data Sheet A - Water Body Identification

WATER PROTECTION PROGRAM

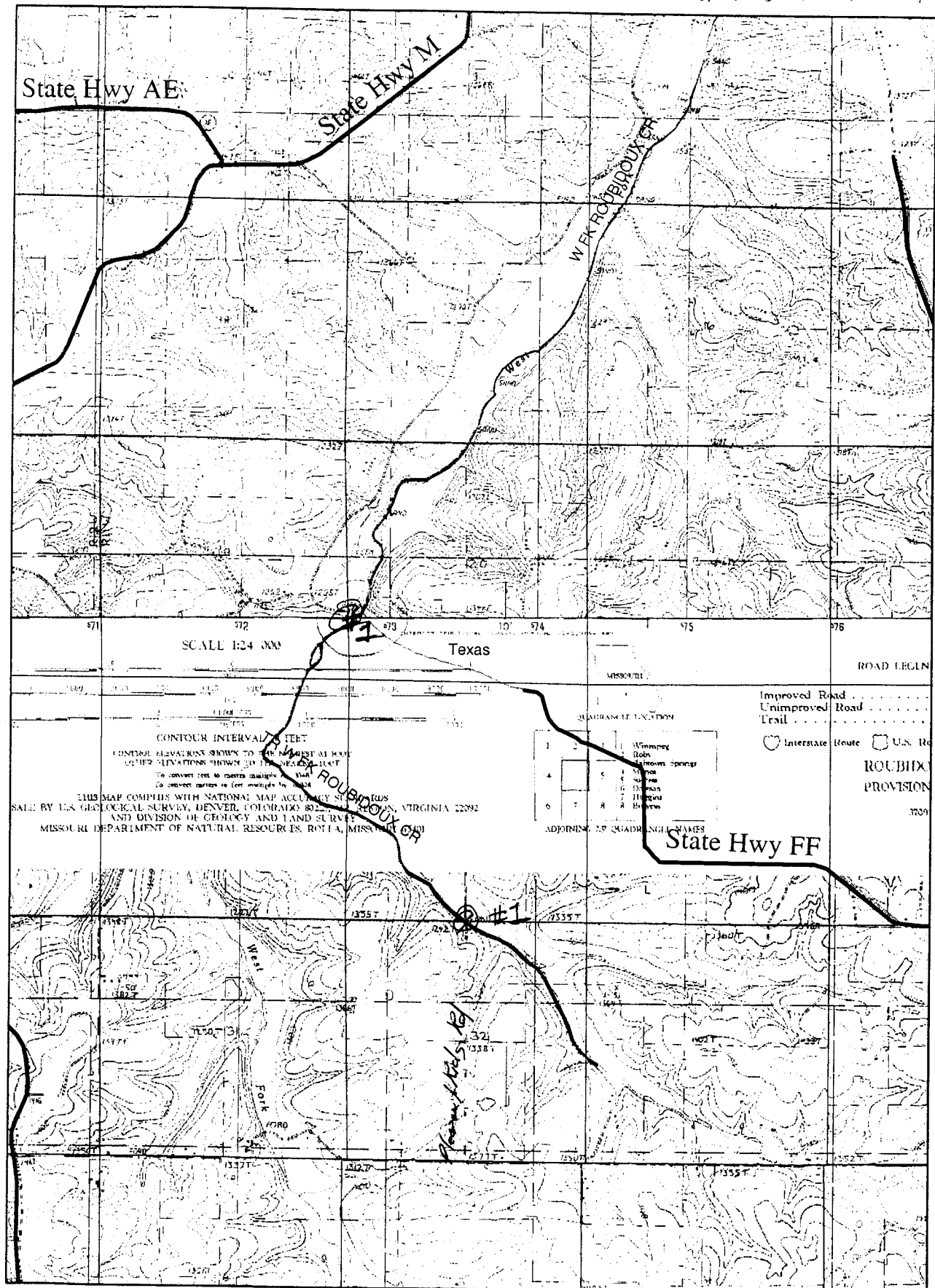
|  |                         |            |  |
|--|-------------------------|------------|--|
| Water Body Name (from USGS 7.5' quad): | W. Fork Roubidoux Creek |            |  |
| 8-digit HUC:                           | 10290201                |            |  |
| Missouri WBID #:                       | 1516                    |            |  |
| County:                                | Texas                   |            |  |
| Upstream Legal Description:            | S 30 T31N R.11W         |            |  |
| Downstream Legal Description:          | S 17 T31N R.11W         |            |  |
| Upstream Coordinates:                  | E: 572767               | N: 4136848 | DD Lat: 37.375527<br>DD Long: -92.178111 |
| Downstream Coordinates:                |                         |            |  |
| Discharger Facility Name(s):           |                         |            |  |
| Discharger Permit Number(s):           |                         |            |  |
| Number of Sites Evaluated:             | 1                       |            |  |
| Name of Surveyor and Telephone Number: | Wyn Kelley 573/884-3440 |            |  |
| Organization:                          | MDNR                    |            |  |
| Position:                              | Soil Scientist          |            |  |

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Wyn Kelley Date: 6/9/05

W.F.K. Robinson Cr.  
 WBID# 1516  
 HUC8-10290201

Tr W.F.K. Robinson S, 32-73N, 10E  
 WBID# 1517  
 HUC8-10290201



# Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet B - Site Characterization (A separate data sheet must be completed for each site)

|   |   |        |
|---|---|--------|
| Missouri WBID #: 1516-01  | Site Location Description:                                |        |
| Site GPS Coordinates: <i>18ft</i> E: 372761 Lat: 37.315527<br>N: 4136848 Long: -92.178111 |   |        |
| Date & Time: 6/9/05 9:30 a.m.   | Facility Name:  |        |
| Personnel: Wyn Kelley   | Permit Number:  |        |
| Current Weather Conditions: hot & dry   | Weather Conditions for Past 7 days: .25" rain (hot & dry) |        |
| Photo Ids: Upstream: 1516U-01 #1  | Downstream: 1516D-01 #2                                   | Other: |

### Uses Observed\*:

|  |                                      |                                       |   |                                       |
|--|--------------------------------------|---------------------------------------|---|---------------------------------------|
| <input type="checkbox"/> Swimming  | <input type="checkbox"/> Skin diving | <input type="checkbox"/> SCUBA diving | <input type="checkbox"/> Tubing                       | <input type="checkbox"/> Water skiing |
| <input type="checkbox"/> Wind surfing  | <input type="checkbox"/> Kayaking    | <input type="checkbox"/> Boating      | <input type="checkbox"/> Wading                       | <input type="checkbox"/> Rafting      |
| <input type="checkbox"/> Hunting   | <input type="checkbox"/> Trapping    | <input type="checkbox"/> Fishing      | <input checked="" type="checkbox"/> None of the above | <input type="checkbox"/> Other:       |
| Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.) |                                      |                                       |   |                                       |
|  |                                      |                                       |   |                                       |

### Surrounding Conditions\*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

|  |                                      |   |  |   |
|--|--------------------------------------|---|--|---|
| <input type="checkbox"/> City/county parks | <input type="checkbox"/> Playgrounds | <input type="checkbox"/> MDC conservation lands | <input type="checkbox"/> Urban areas   | <input type="checkbox"/> Campgrounds    |
| <input type="checkbox"/> Boating accesses  | <input type="checkbox"/> State parks | <input type="checkbox"/> National forests       | <input type="checkbox"/> Nature trails | <input type="checkbox"/> Stairs/walkway |
| <input type="checkbox"/> No trespass sign  | <input type="checkbox"/> Fence       | <input type="checkbox"/> Steep slopes           | <input type="checkbox"/> Other: N/A    |   |

### Evidence of Human Use\*:

|  |  |  |   |  |
|--|--|--|---|--|
| <input checked="" type="checkbox"/> Roads <i>low water crossing on Upton Rd.</i> | <input type="checkbox"/> Foot paths/prints | <input type="checkbox"/> Dock/platform | <input type="checkbox"/> Livestock Watering | <input type="checkbox"/> RV / ATV Tracks |
| <input type="checkbox"/> Rope swings   | <input type="checkbox"/> Camping Sites     | <input type="checkbox"/> Fire pit/ring | <input type="checkbox"/> NPDES Discharge    | <input type="checkbox"/> Fishing Tackle  |
| <input checked="" type="checkbox"/> Other: gravel mining                         |  |  |   |  |

### Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

\*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

# Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet B - Site Characterization

Page Two - WBID # 1516

### Stream Morphology:

#### Upstream View Physical Dimensions:

|   |   |                                   |                             |                              |
|---|---|-----------------------------------|-----------------------------|------------------------------|
| <input checked="" type="checkbox"/> Riffle        | Width (ft): <u>4 ft</u>   | Length (ft): <u>25 ft</u>         | Avg. Depth (ft): <u>0.2</u> | Max. Depth (ft): <u>0.25</u> |
| <input type="checkbox"/> Run                      | Width (ft):   | Length (ft):                      | Avg. Depth (ft):            | Max. Depth (ft):             |
| <input type="checkbox"/> Pool                     | Width (ft):   | Length (ft):                      | Avg. Depth (ft):            | Max. Depth (ft):             |
| <input checked="" type="checkbox"/> Flow Present? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Estimated (ft <sup>3</sup> /sec): |                             |                              |

#### Downstream View Physical Dimensions:

|   |   |                                   |                             |                             |
|---|---|-----------------------------------|-----------------------------|-----------------------------|
| <input type="checkbox"/> Riffle                   | Width (ft):   | Length (ft):                      | Avg. Depth (ft):            | Max. Depth (ft):            |
| <input type="checkbox"/> Run                      | Width (ft):   | Length (ft):                      | Avg. Depth (ft):            | Max. Depth (ft):            |
| <input checked="" type="checkbox"/> Pool          | Width (ft): <u>12 ft</u>  | Length (ft): <u>35 ft</u>         | Avg. Depth (ft): <u>1.3</u> | Max. Depth (ft): <u>2.5</u> |
| <input checked="" type="checkbox"/> Flow Present? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Estimated (ft <sup>3</sup> /sec): |                             |                             |

includes pool water and surrounding

#### Substrate\*: (These values should add up to 100%.)

based on pool

|          |            |          |        |        |            |          |           |
|----------|------------|----------|--------|--------|------------|----------|-----------|
| % Cobble | <u>100</u> | % Gravel | % Sand | % Silt | % Mud/Clay | <u>0</u> | % Bedrock |
|----------|------------|----------|--------|--------|------------|----------|-----------|

#### Aquatic Vegetation\*: (note amount of vegetation or algal growth at the assessment site)

|                            |
|----------------------------|
| <u>1% around pool edge</u> |
|----------------------------|

#### Water Characteristics\*: (Mark all that apply.)

|                  |   |                                 |   |  |                                 |
|------------------|---|---------------------------------|---|--|---------------------------------|
| Odor:            | <input type="checkbox"/> Sewage           | <input type="checkbox"/> Musky  | <input type="checkbox"/> Chemical       | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other: |
| Color:           | <input checked="" type="checkbox"/> Clear | <input type="checkbox"/> Green  | <input type="checkbox"/> Gray           | <input type="checkbox"/> Milky           | <input type="checkbox"/> Other: |
| Bottom Deposit:  | <input type="checkbox"/> Sludge           | <input type="checkbox"/> Solids | <input type="checkbox"/> Fine sediments | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other: |
| Surface Deposit: | <input type="checkbox"/> Oil              | <input type="checkbox"/> Scum   | <input type="checkbox"/> Foam           | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Other: |

Comments: Please attach additional comments (including information from interviews) to this form.

hundreds of fish in pool

low water crossing

\*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed:

[Signature]

Date:

6/9/05

Organization:

MDNR

Position:

Soil Scientist

1516\_01\_US



1516\_01\_DS

